

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6026896".pn.	US-PGPUB; USPAT	OR	ON	2006/08/20 10:35
S1	1	"5609720".pn.	US-PGPUB; USPAT	OR	ON	2004/12/28 17:54
S2	1	"20040187787"	US-PGPUB; USPAT	OR	ON	2006/02/03 09:38
S3	34	((("4384918") or ("5055964") or ("5078851") or ("5155652") or ("5166856") or ("5221403") or ("5280156") or ("5290381") or ("5310453") or ("5376213") or ("5382311") or ("5413360") or ("5436790") or ("5567267") or ("5581874") or ("5584971") or ("5591269") or ("5609720") or ("5616024") or ("5625526") or ("5660740") or ("5665166") or ("5671116") or ("5675471") or ("5835334") or ("6077357") or ("6108189") or ("6179921") or ("6231776") or ("6310755") or ("6373681") or ("6377437") or ("6378600") or ("6394797")).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/12 13:20
S5	861185	(h01l021/\$.ipc. or c23c016/\$.ipc.)	EPO; JPO; DERWENT	OR	ON	2005/02/07 18:32
S6	19212	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4	EPO; JPO; DERWENT	OR	ON	2005/02/07 18:32
S7	3399	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (substrate or wafer) and (liquid or water or fluid)	EPO; JPO; DERWENT	OR	ON	2005/02/08 10:46
S8	34	((("4384918") or ("5055964") or ("5078851") or ("5155652") or ("5166856") or ("5221403") or ("5280156") or ("5290381") or ("5310453") or ("5376213") or ("5382311") or ("5413360") or ("5436790") or ("5567267") or ("5581874") or ("5584971") or ("5591269") or ("5609720") or ("5616024") or ("5625526") or ("5660740") or ("5665166") or ("5671116") or ("5675471") or ("5835334") or ("6077357") or ("6108189") or ("6179921") or ("6231776") or ("6310755") or ("6373681") or ("6377437") or ("6378600") or ("6394797")).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/07 18:54

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S10	1	"6677167".pn.	US-PGPUB; USPAT	OR	ON	2005/02/07 18:56
S11	163	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (substrate or wafer) and (liquid or water or fluid) and valve	EPO; JPO; DERWENT	OR	ON	2005/02/08 09:10
S12	67	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (substrate or wafer) and (liquid or water or fluid) and valve and flow	EPO; JPO; DERWENT	OR	ON	2005/02/08 09:10
S13	5783	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (liquid or water or fluid)	EPO; JPO; DERWENT	OR	ON	2005/02/08 10:47
S14	5	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (liquid or water or fluid) and (flow near10 (series or sequential))	EPO; JPO; DERWENT	OR	ON	2005/02/08 10:55
S15	6	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (liquid or water or fluid) and (passage or channel) and (series or sequential) and control\$4	EPO; JPO; DERWENT	OR	ON	2005/02/08 10:59
S16	10	(h01l021/\$.ipc. or c23c016/\$.ipc.) and cool\$4 and (liquid or water or fluid) and (passage or channel) and (series or sequential) and flow	EPO; JPO; DERWENT	OR	ON	2005/03/12 13:31
S17	23339	(substrate or wafer) and cool\$4 and (liquid or water or fluid) and (passage or channel) and (series or sequential) and flow	US-PGPUB; USPAT	OR	ON	2005/02/08 11:10
S18	458	(substrate or wafer) and cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)	US-PGPUB; USPAT	OR	ON	2005/03/12 16:19
S19	458	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential))	US-PGPUB; USPAT	OR	ON	2005/02/08 11:11
S20	366	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)) and control\$4	US-PGPUB; USPAT	OR	ON	2005/02/08 11:12
S21	108	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)) and control\$4 and zone and uniform\$4	US-PGPUB; USPAT	OR	ON	2005/03/17 11:17
S22	11580	118/724.ccls. or 156/345.53.ccls. or 361/234.ccls. or 279/128/.ccls. or 279/3.ccls. or 204/298.\$2.ccls. or 204/192.\$2.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/08 11:25

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S23	23	S22 and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)) and control\$4 and zone and uniform\$4	US-PGPUB; USPAT	OR	ON	2005/03/12 15:11
S24	24	S22 and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)) and control\$4 and zone	US-PGPUB; USPAT	OR	ON	2005/02/08 11:31
S25	210	S22 and (cool\$4 same (liquid or water or fluid)) and ((passage or channel) same (series or sequential or parallel)) and control\$4	US-PGPUB; USPAT	OR	ON	2005/02/08 11:36
S26	113	S22 and (cool\$4 same (liquid or water or fluid)) and ((passage or channel) same (series or sequential or parallel)) and control\$4 and valve	US-PGPUB; USPAT	OR	ON	2005/02/08 11:38
S27	1	"6677167".pn.	US-PGPUB; USPAT	OR	ON	2005/03/12 10:22
S28	1	"5555928".pn.	US-PGPUB; USPAT	OR	ON	2005/03/12 11:59
S29	1	("5175160").PN.	EPO; JPO; DERWENT	OR	OFF	2005/03/12 13:21
S30	614	cool\$4 and (liquid or water or fluid) and (passage or channel) and (series or sequential) and flow	EPO; JPO; DERWENT	OR	ON	2005/03/12 13:36
S31	32	cool\$4 and (liquid or water or fluid) and (passage or channel) and (series or sequential) and flow and bypass	EPO; JPO; DERWENT	OR	ON	2005/03/12 13:36
S32	106	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same parallel) and control\$4 and zone and uniform\$4	US-PGPUB; USPAT	OR	ON	2005/03/12 14:39
S33	0	(substrate or wafer) and cool\$4 and (liquid or water or fluid) and flow and (passage or channel) and parallel and control\$4 and bypass	EPO; JPO; DERWENT	OR	ON	2005/03/12 14:41
S34	0	(substrate or wafer) and cool\$4 and (liquid or water or fluid) and flow and parallel and control\$4 and bypass	EPO; JPO; DERWENT	OR	ON	2005/03/12 14:42
S35	20	(substrate or wafer) and cool\$4 and (liquid or water or fluid) and flow and parallel and control\$4	EPO; JPO; DERWENT	OR	ON	2005/03/12 14:43
S36	103	(substrate or wafer) and cool\$4 and (liquid or water or fluid) and flow and control\$4 and valve	EPO; JPO; DERWENT	OR	ON	2005/03/12 14:44

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S37	11662	118/724.ccls. or 156/345.53.ccls. or 361/234.ccls. or 279/128/.ccls. or 279/3.ccls. or 204/298.\$2.ccls. or 204/192.\$2.ccls.	US-PGPUB; USPAT	OR	ON	2005/03/12 15:12
S38	12	S37 and (cool\$4 same (liquid or water or fluid) same (passage or channel) same parallel same flow) and control\$4	US-PGPUB; USPAT	OR	ON	2005/03/12 15:37
S39	291	S37 and (cool\$4 same (liquid or water or fluid) same (passage or channel) same flow) and control\$4	US-PGPUB; USPAT	OR	ON	2005/03/12 15:16
S40	279	S39 not S38	US-PGPUB; USPAT	OR	ON	2005/03/12 15:17
S41	26	"137"/\$.ccls. and (cool\$4 same (liquid or water or fluid) same (passage or channel) same parallel same flow) and control\$4	US-PGPUB; USPAT	OR	ON	2005/03/12 15:40
S42	350	"137"/\$.ccls. and (cool\$4 same (liquid or water or fluid) same (passage or channel) same valve same flow) and control\$4	US-PGPUB; USPAT	OR	ON	2005/03/12 15:38
S43	0	"137"/\$.ccls. and (cool\$4 same (liquid or water or fluid) same (passage or channel) same vave same flow) and control\$4 and (substrate or wafer)	US-PGPUB; USPAT	OR	ON	2005/03/12 15:41
S44	38	"137"/\$.ccls. and (cool\$4 same (liquid or water or fluid) same (passage or channel) same flow) and control\$4 and (substrate or wafer)	US-PGPUB; USPAT	OR	ON	2005/03/12 15:41
S45	0	"2001555357"	EPO; JPO; DERWENT	OR	ON	2005/03/12 16:01
S46	14	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same flow) and (valve near return)	US-PGPUB; USPAT	OR	ON	2005/03/12 16:20
S47	1	"5063582".pn.	US-PGPUB; USPAT	OR	ON	2005/03/12 16:38
S48	26	62/dig.7.ccls.	US-PGPUB; USPAT	OR	ON	2005/03/16 17:58
S49	1	"20040187787"	US-PGPUB; USPAT	OR	ON	2005/03/16 17:59
S50	1	"5226471".pn.	US-PGPUB; USPAT	OR	ON	2005/03/17 09:10
S51	170	Moslehi.in.	US-PGPUB; USPAT	OR	ON	2005/03/17 09:10
S52	82	S51 and cool\$4	US-PGPUB; USPAT	OR	ON	2005/03/17 09:10

## EAST Search History

S53	1	"20040050325"	US-PGPUB; USPAT	OR	ON	2005/03/17 11:15
S54	369	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)) and control\$4	US-PGPUB; USPAT	OR	ON	2005/03/17 11:17
S55	24	(substrate or wafer) and (cool\$4 same (liquid or water or fluid) same (passage or channel) same (series or sequential)) and control\$4 and bypass and @ad<"20030331"	US-PGPUB; USPAT	OR	ON	2005/03/17 11:18
S56	1	"20040187787"	US-PGPUB; USPAT	OR	ON	2005/08/25 14:46
S57	14	((wafer or substrate) adj holder) or susceptor) and cool\$4 and (flow near passage)	EPO; JPO; DERWENT	OR	ON	2005/08/25 17:10
S58	56	((wafer or substrate) adj holder) or susceptor) and cool\$4 and flow and (passage or path or conduit or duct)	EPO; JPO; DERWENT	OR	ON	2005/08/25 17:26
S59	4470	((wafer or substrate) adj holder) or susceptor) and cool\$4 and flow and (passage or path or conduit or duct)	US-PGPUB; USPAT	OR	ON	2005/08/25 17:27
S60	186	((wafer or substrate) adj holder) or susceptor) same cool\$4 same flow same (passage or path or conduit or duct)	US-PGPUB; USPAT	OR	ON	2005/08/25 19:24
S61	1	"6359264".pn.	US-PGPUB; USPAT	OR	ON	2005/08/25 19:26
S62	2	"05036597"	EPO; JPO; DERWENT	OR	ON	2005/08/25 19:27
S63	1	"20040050325"	US-PGPUB; USPAT	OR	ON	2005/08/25 19:31
S64	1	"5063582".pn.	US-PGPUB; USPAT	OR	ON	2005/08/26 09:22
S65	928	thermal adj break	US-PGPUB; USPAT	OR	ON	2005/08/26 09:22
S66	21042	((wafer or substrate) adj holder) or susceptor)	US-PGPUB; USPAT	OR	ON	2005/08/26 09:23
S67	26	S65 and S66	US-PGPUB; USPAT	OR	ON	2005/08/26 09:23
S68	1	"6343183".pn.	US-PGPUB; USPAT	OR	ON	2005/08/26 09:52
S69	1	"6677167".pn.	US-PGPUB; USPAT	OR	ON	2005/09/03 12:41
S70	1	"6343183".pn.	US-PGPUB; USPAT	OR	ON	2005/09/03 14:59

## EAST Search History

S71	1	"20040187787"	US-PGPUB; USPAT	OR	ON	2006/02/03 11:00
S72	47	("20010019472" "20030221626" "436 1749" "4384918" "4565601" "4971653 " "5055964" "5078851" "5155652" "51 66856" "5186238" "5192849" "522140 3" "5226471" "5280156" "5290381" "5 310453" "5376213" "5382311" "54133 60" "5436790" "5555928" "5567267" " 5581874" "5584971" "5591269" "5609 720" "5616024" "5625526" "5660740"  "5665166" "5671116" "5675471" "58 35334" "5846375" "6077357" "610818 9" "6179921" "6231776" "6310755" "6 343183" "6373681" "6378600" "63922 05" "6394797" "6502590" "6677167"). PN.	US-PGPUB; USPAT	OR	ON	2006/02/03 11:01
S73	1	"20050229854"	US-PGPUB; USPAT	OR	ON	2006/08/16 13:03
S74	102	mitrovic.in.	US-PGPUB; USPAT	OR	ON	2006/08/16 13:03
S75	38	S74 and temperature and control\$3	US-PGPUB; USPAT	OR	ON	2006/08/16 13:42
S76	7	((("6135052") or ("6102113") or ("5846375") or ("5802856") or ("5775416") or ("4565601") or ("20030173351")).PN.	US-PGPUB; USPAT	OR	OFF	2006/08/16 13:07
S77	1	"20040211660"	US-PGPUB; USPAT	OR	ON	2006/08/16 14:46
S78	39	(hunter near reginald).in.	US-PGPUB; USPAT	OR	ON	2006/08/16 14:46
S79	1	"20030164226"	US-PGPUB; USPAT	OR	ON	2006/08/16 16:47
S80	25	"165"/\$.ccls. and recirculat\$3 and (control\$3 near temperature) and (level near (sensor or detect\$3)) and (temperature near sensor)	US-PGPUB; USPAT	OR	ON	2006/08/16 17:36
S81	29	"165"/\$.ccls. and (recirculat\$3 or chiller) and (control\$3 near temperature) and (level near (sensor or detect\$3)) and (temperature near sensor)	US-PGPUB; USPAT	OR	ON	2006/08/16 17:40
S82	64	"165"/\$.ccls. and (\$2circulat\$3 or chiller) and (control\$3 near temperature) and (level near (sensor or detect\$3)) and (temperature near sensor)	US-PGPUB; USPAT	OR	ON	2006/08/16 17:48
S83	18	(paul near moroz).in.	US-PGPUB; USPAT	OR	ON	2006/08/16 17:49